ELSEVIER

ISPRS Journal of Photogrammetry & Remote Sensing 55 (2001) 374–375

PHOTOGRAMMETRY & REMOTE SENSING

www.elsevier.nl/locate/isprsjprs

Author Index, Volume 55

Agouris, P.
see Doucette, P. 55/5 (Mar 01): 347–358

Altan, O.
Photogrammetry and geographic information systems for quick assessment, documentation and analysis of earthquakes. 55/5 (Mar 01): 359–372

Beraldin, J.-A.
Real world modelling through high resolution digital 3D imaging of objects and structures. 55/4 (Nov 00): 230–250

Blais, F.
see Beraldine, J.-A. 55/4 (Nov 00): 230–250

Börner, A.
SENSOR: a tool for the simulation of hyperspectral remote sensing systems. 55/5 (Mar 01): 299–312

Boulanger, P.
see Beraldine, J.-A. 55/4 (Nov 00): 230–250

Chakraborty, M.
A processing and software system for rice crop inventory using multi-date RADARSAT ScanSAR data. 55/2 (Jun 00): 119–128

Chaplin, B.A.
see Tao, C.V. 55/5 (Mar 01): 330–346

Chapman, M.A.
see Tao, C.V. 55/5 (Mar 01): 330–346

Cheng, T.
see Molenaar, M. 55/3 (Sep 00): 164–175

Clarke, T.A.
see Wang, X. 55/5 (Mar 01): 289–298

Costa, M.S.
see Ji, Q. 55/2 (Jun 00): 75–93

Cournoyer, L.
see Beraldine, J.-A. 55/4 (Nov 00): 230–250

Dean, C.
Suitability of the DCS460c colour digital camera for quantitative remote sensing analysis of vegetation. 55/2 (Jun 00): 105–118

Domey, J.
see Beraldine, J.-A. 55/4 (Nov 00): 230–250

Doucette, P.
Self-organised clustering for road extraction in classified imagery. 55/5 (Mar 01): 347–358

Drap, P.
A digital photogrammetric workstation on the WEB. 55/1 (Feb 00): 48–58

Ebner, H.
see Hellwich, O. 55/4 (Nov 00): 277–288

Edmundson, K.L.
see Fraser, C.S. 55/2 (Jun 00): 94–104

Ehlers, M.
see Gahegan, M. 55/3 (Sep 00): 176–188

El-Hakim, S.F.
see Beraldine, J.-A. 55/4 (Nov 00): 230–250

Fraser, C.S.
Design and implementation of a computational processing system for off-line digital close-range photogrammetry. 55/2 (Feb 00): 94–104

Fraser, C.S.
Monitoring the thermal deformation of steel beams via vision metrology. 55/4 (Nov 00): 268–276

Fritsch, D.
Spending a life for photogrammetry — on the occasion of the 70th birthday of Prof. Dr. mult. Fritz Ackermann. 55/1 (Feb 00): 3–8

Fritsch, D.
see Altan, O. 55/5 (Mar 01): 359–372

Gahegan, M.
A framework for the modelling of uncertainty between remote sensing and geographic information systems. 55/3 (Sep 00): 176–188

Godin, G.
see Beraldine, J.-A. 55/4 (Nov 00): 230–250

Gold, C.
Towards the global GIS. 55/3 (Sep 00): 150–163

Gray, L.
see Toutin, T. 55/1 (Feb 00): 13–33

Gruber, M.
Description and evaluation of the high quality photogrammetric scanner UltraScan 5000. 55/5 (Mar 01): 313–329

Grussenmeyer, P.
see Drap, P. 55/1 (Feb 00): 48–58

Haralick, R.M.
see Ji, Q. 55/2 (Jun 00): 75–93

Hellwich, O.
Geocoding SAR interferograms by least squares adjustment. 55/4 (Nov 00): 277–288

Ji, Q.
A robust linear least-squares estimation of camera exterior orientation using multiple geometric features. 55/2 (Feb 00): 75–93

ELSEVIER

ISPRS Journal of Photogrammetry & Remote Sensing 55 (2001) 374–375

PHOTOGRAMMETRY & REMOTE SENSING

www.elsevier.nl/locate/isprsjprs

Author Index, Volume 55

Agouris, P.
see Doucette, P. 55/5 (Mar 01): 347–358

Altan, O.
Photogrammetry and geographic information systems for quick assessment, documentation and analysis of earthquakes. 55/5 (Mar 01): 359–372

Beraldin, J.-A.
Real world modelling through high resolution digital 3D imaging of objects and structures. 55/4 (Nov 00): 230–250

Blais, F.
see Beraldine, J.-A. 55/4 (Nov 00): 230–250

Börner, A.
SENSOR: a tool for the simulation of hyperspectral remote sensing systems. 55/5 (Mar 01): 299–312

Boulanger, P.
see Beraldine, J.-A. 55/4 (Nov 00): 230–250

Chakraborty, M.
A processing and software system for rice crop inventory using multi-date RADARSAT ScanSAR data. 55/2 (Jun 00): 119–128

Chaplin, B.A.
see Tao, C.V. 55/5 (Mar 01): 330–346

Chapman, M.A.
see Tao, C.V. 55/5 (Mar 01): 330–346

Cheng, T.
see Molenaar, M. 55/3 (Sep 00): 164–175

Clarke, T.A.
see Wang, X. 55/5 (Mar 01): 289–298

Costa, M.S.
see Ji, Q. 55/2 (Jun 00): 75–93

Cournoyer, L.
see Beraldine, J.-A. 55/4 (Nov 00): 230–250

Dean, C.
Suitability of the DCS460c colour digital camera for quantitative remote sensing analysis of vegetation. 55/2 (Jun 00): 105–118

Domey, J.
see Beraldine, J.-A. 55/4 (Nov 00): 230–250

Doucette, P.
Self-organised clustering for road extraction in classified imagery. 55/5 (Mar 01): 347–358

Drap, P.
A digital photogrammetric workstation on the WEB. 55/1 (Feb 00): 48–58

Ebner, H.
see Hellwich, O. 55/4 (Nov 00): 277–288

Edmundson, K.L.
see Fraser, C.S. 55/2 (Jun 00): 94–104

Ehlers, M.
see Gahegan, M. 55/3 (Sep 00): 176–188

El-Hakim, S.F.
see Beraldine, J.-A. 55/4 (Nov 00): 230–250

Fraser, C.S.
Design and implementation of a computational processing system for off-line digital close-range photogrammetry. 55/2 (Feb 00): 94–104

Fraser, C.S.
Monitoring the thermal deformation of steel beams via vision metrology. 55/4 (Nov 00): 268–276

Fritsch, D.
Spending a life for photogrammetry — on the occasion of the 70th birthday of Prof. Dr. mult. Fritz Ackermann. 55/1 (Feb 00): 3–8

Fritsch, D.
see Altan, O. 55/5 (Mar 01): 359–372

Gahegan, M.
A framework for the modelling of uncertainty between remote sensing and geographic information systems. 55/3 (Sep 00): 176–188

Godin, G.
see Beraldine, J.-A. 55/4 (Nov 00): 230–250

Gold, C.
Towards the global GIS. 55/3 (Sep 00): 150–163

Gray, L.
see Toutin, T. 55/1 (Feb 00): 13–33

Gruber, M.
Description and evaluation of the high quality photogrammetric scanner UltraScan 5000. 55/5 (Mar 01): 313–329

Grussenmeyer, P.
see Drap, P. 55/1 (Feb 00): 48–58

Haralick, R.M.
see Ji, Q. 55/2 (Jun 00): 75–93

Hellwich, O.
Geocoding SAR interferograms by least squares adjustment. 55/4 (Nov 00): 277–288

Ji, Q.
A robust linear least-squares estimation of camera exterior orientation using multiple geometric features. 55/2 (Feb 00): 75–93

Joseph, G.
How well do we understand Earth observation electro-optical sensor parameters? 55/1 (Feb 00): 9–12

Keller, P.
see Börner, A. 55/5 (Mar 01): 299–312

Koch, R.
see Pollefeys, M. 55/4 (Nov 00): 251–267

Kornus, W.
Geometric in-flight calibration of the stereoscopic line-CCD scanner MOMS-2P. 55/1 (Feb 00): 59–71

Kulur, S.
see Altan, O. 55/5 (Mar 01): 359–372

Leberl, F.
see Gruber, M. 55/5 (Mar 01): 313–329

Lee, Y.C.
Taxonomy of space tessellation. 55/3 (Sep 00): 139–149

Lehner, M.
see Kornus, W. 55/1 (Feb 00): 59–71

Li, Y.L.
see Lee, Y.C. 55/3 (Sep 00): 139–149

Li, Z.L.
see Lee, Y.C. 55/3 (Sep 00): 139–149

McGraw, J.B.
see Dean, C. 55/2 (Jun 00): 105–118

Molenaar, M.
Fuzzy spatial objects and their dynamics. 55/3 (Feb 00): 164–175

Mostafavi, M.A.
see Gold, C. 55/3 (Sep 00): 150–163

Musavi, M.
see Doucette, P. 55/5 (Mar 01): 347–358

Panigrahy, S.
see Chakraborty, M. 55/2 (Jun 00): 119–128

Pollefeys, M.
Automated reconstruction of 3D scenes from sequences of images. 55/4 (Nov 00): 251–267

Ragia, L.
Contributions to a quality description of areal objects in spatialdata sets. 55/3 (Sep 00): 201–213

Reulke, R.
see Börner, A. 55/5 (Mar 01): 299–312

Richter, R.
see Börner, A. 55/5 (Mar 01): 299–312

Riedel, B.
see Fraser, C.S. 55/4 (Nov 00): 268–276

Rioux, M.
see Beraldine, J.-A. 55/4 (Nov 00): 230–250

Sausen, T.M.
Space education in developing countries in the information era, regional reality and new educational material tendencies: example, South America. 55/2 (Jun 00): 129–135

Schaepman, M.
see Börner, A. 55/5 (Mar 01): 299–312

Schläpfer, D.
see Börner, A. 55/5 (Mar 01): 299–312

Schroeder, M.
see Kornus, W. 55/1 (Feb 00): 59–71

Seker, D.
see Altan, O. 55/5 (Mar 01): 359–372

Sester, M.
see Altan, O. 55/5 (Mar 01): 359–372

Shapiro, L.G.
see Ji, Q. 55/2 (Jun 00): 75–93

Sowmya, A.
Modelling and representation issues in automated feature extraction from aerial and satellite images. 55/1 (Feb 00): 34–47

Stefanidis, A.
see Doucette, P. 55/5 (Mar 01): 347–358

Tao, C.V.
Automated processing of mobile mapping image sequences. 55/5 (Mar 01): 330–346

Taylor, J.
see Beraldine, J.-A. 55/4 (Nov 00): 230–250

Toutin, T.
State-of-the-art of elevation extraction from satellite SAR data. 55/1 (Feb 00): 13–33

Toz, G.
see Altan, O. 55/5 (Mar 01): 359–372

Trinder, J.
see Sowmya, A. 55/1 (Feb 00): 34–47

Van Gool, L.
see Pollefeys, M. 55/4 (Nov 00): 251–267

Vergauwen, M.
see Pollefeys, M. 55/4 (Nov 00): 251–267

Volz, S.
see Altan, O. 55/5 (Mar 01): 359–372

Wang, X.
Separate adjustment in close-range photogrammetry. 55/5 (Mar 01): 289–298

Warner, T.A.
see Dean, C. 55/2 (Jun 00): 105–118

Wiest, L.
see Börner, A. 55/5 (Mar 01): 299–312

Winter, S.
Location similarity of regions. 55/3 (Sep 00): 189–200

Winter, S.
see Ragia, L. 55/3 (Sep 00): 201–213

ELSEVIER

ISPRS Journal of Photogrammetry & Remote Sensing 55 (2001) 376–380

PHOTOGRAMMETRY & REMOTE SENSING

www.elsevier.nl/locate/isprsjprs

Subject Index, Volume 55

Aerial imagery
Digital camera; Forest; Multispectral; Colour-mosaic CCDs; Colour interpolation; Radiometric corrections. 55/2 (Jun 00): 105–118

APEX
Hyperspectral; Simulation; Optimisation; Sensor. 55/5 (Mar 01): 299–312

Applications
3D digitising; Cultural heritage; Optical measurements; Laser scanning; 3D modelling; Virtualised reality. 55/4 (Nov 00): 230–250

Archaeology
3D reconstruction; Self-calibration; Image matching; Virtual reality; Uncalibrated camera; Image sequences. 55/4 (Nov 00): 251–267

Architecture
Digital photogrammetry; Object-oriented technology; Java™; Knowledge representation; WEB technology; Education. 55/1 (Feb 00): 48–58

Artificial intelligence
Computer vision; Knowledge; Models; Photogrammetry; Remote sensing; Representation; Feature extraction; Automation. 55/1 (Feb 00): 34–47

Automated image measurement
Vision metrology; Deformation measurement; Multi-epoch data processing. 55/4 (Nov 00): 268–276

Automation
Artificial intelligence; Computer vision; Knowledge; Models; Photogrammetry; Remote sensing; Representation; Feature extraction. 55/1 (Feb 00): 34–47

Band-to-band registration
MOMS-2P; Geometric calibration; In-flight calibration; Bundle adjustment; Line-CCD sensor; Satellite. 55/1 (Feb 00): 59–71

Bandwidth
Resolution; MTF; Signal-to-noise ratio; Revisit period; Sensor parameter standardisation; Sensor characterisation. 55/1 (Feb 00): 9–12

Building documentation
GIS; Digital photogrammetry; Earthquake damage estimation; Deformation measurement. 55/5 (Mar 01): 359–372

Building extraction
Spatial data quality; Comparison of spatial entities. 55/3 (Sep 00): 201–213

Bundle adjustment
MOMS-2P; Geometric calibration; In-flight calibration; Band-to-band registration; Line-CCD sensor; Satellite. 55/1 (Feb 00): 59–71

Least squares; Real time; Separate adjustment; Sensor orientation; 3D object point co-ordinate estimation. 55/5 (Mar 01): 289–298

Calibration
Measurement automation; Vision metrology; Close-range photogrammetry; Software systems; Orientation. 55/2 (Jun 00): 94–104

Classified image
2D road extraction; Self-organising maps; Clustering; Neural networks; Elongated regions. 55/5 (Mar 01): 347–358

Clinometry
DEM; Satellite SAR; Shape-from-shading; Stereoscopy; Interferometry; Polarimetry. 55/1 (Feb 00): 13–33

Close-range photogrammetry
Measurement automation; Vision metrology; Software systems; Calibration; Orientation. 55/2 (Jun 00): 94–104

Clustering
2D road extraction; Self-organising maps; Neural networks; Elongated regions; Classified image. 55/5 (Mar 01): 347–358

Colour interpolation
Digital camera; Forest; Aerial imagery; Multispectral; Colour-mosaic CCDs; Radiometric corrections. 55/2 (Jun 00): 105–118

Colour-mosaic CCDs
Digital camera; Forest; Aerial imagery; Multispectral; Colour interpolation; Radiometric corrections. 55/2 (Jun 00): 105–118

Colour quality
Photogrammetric scanner; Performance characterisation; Scanner calibration; Geometric accuracy; Radiometric analysis. 55/5 (Mar 01): 313–329

Comparison of spatial entities
Spatial data quality; Building extraction. 55/3 (Sep 00): 201–213

Computer vision
Artificial intelligence; Knowledge; Models; Photogrammetry; Remote sensing; Representation; Feature extraction; Automation. 55/1 (Feb 00): 34–47

Convex fuzzy spatial extent
Spatial modelling; Fuzzy objects; Object dynamics. 55/3 (Sep 00): 164–175

Cultural heritage
3D digitising; Optical measurements; Laser scanning; 3D modelling; Virtualised reality; Applications. 55/4 (Nov 00): 230–250

Data modelling
Uncertainty; GIS integration; Transformation description. 55/3 (Sep 00): 176–188

Data structures
GIS; Topology; Globe; Voronoi diagrams. 55/3 (Sep 00): 150–163

3D digitising
Cultural heritage; Optical measurements; Laser scanning; 3D modelling; Virtualised reality; Applications. 55/4 (Nov 00): 230–250

Deformable models
Mobile mapping; Image sequence analysis; Multi-image matching; Terrestrial triangulation; Feature extraction. 55/5 (Mar 01): 330–346

Deformation measurement
Vision metrology; Multi-epoch data processing; Automated image measurement. 55/4 (Nov 00): 268–276

GIS; Digital photogrammetry; Earthquake damage estimation; Building documentation. 55/5 (Mar 01): 359–372

DEM
Satellite SAR; Clinometry; Shape-from-shading; Stereoscopy; Interferometry; Polarimetry. 55/1 (Feb 00): 13–33

DEM generation
SAR interferometry; Interferogram geocoding; Point positioning; Least squares. 55/4 (Nov 00): 277–288

Digital camera
Forest; Aerial imagery; Multispectral; Colour-mosaic CCDs; Colour interpolation; Radiometric corrections. 55/2 (Jun 00): 105–118

Digital photogrammetry
Object-oriented technology; Java™; Knowledge representation; WEB technology; Education; Architecture. 55/1 (Feb 00): 48–58

GIS; Earthquake damage estimation; Building documentation; Deformation measurement. 55/5 (Mar 01): 359–372

Distance
Similarity; Topological relations; Quality assessment. 55/3 (Sep 00): 189–200

3D modelling
3D digitising; Cultural heritage; Optical measurements; Laser scanning; Virtualised reality; Applications. 55/4 (Nov 00): 230–250

3D object point co-ordinate estimation
Least squares; Real time; Bundle adjustment; Separate adjustment; Sensor orientation. 55/5 (Mar 01): 289–298

3D reconstruction
Self-calibration; Image matching; Virtual reality; Uncalibrated camera; Image sequences; Archaeology. 55/4 (Nov 00): 251–267

2D road extraction
Self-organising maps; Clustering; Neural networks; Elongated regions; Classified image. 55/5 (Mar 01): 347–358

Earthquake damage estimation
GIS; Digital photogrammetry; Building documentation; Deformation measurement. 55/5 (Mar 01): 359–372

Education
Digital photogrammetry; Object-oriented technology; Java™; Knowledge representation; WEB technology; Architecture. 55/1 (Feb 00): 48–58

Educational material
Space education; Multimedia resources; Remote sensing. 55/2 (Jun 00): 129–135

Elongated regions
2D road extraction; Self-organising maps; Clustering; Neural networks; Classified image. 55/5 (Mar 01): 347–358

Exterior orientation
Linear methods; Least-squares; Orthonormality constraints; Feature fusion. 55/2 (Jun 00): 75–93

Feature extraction
Artificial intelligence; Computer vision; Knowledge; Models; Photogrammetry; Remote sensing; Representation; Automation. 55/1 (Feb 00): 34–47

Mobile mapping; Image sequence analysis; Multi-image matching; Terrestrial triangulation; Deformable models. 55/5 (Mar 01): 330–346

Feature fusion
Exterior orientation; Linear methods; Least-squares; Orthonormality constraints. 55/2 (Jun 00): 75–93

Forest
Digital camera; Aerial imagery; Multispectral; Colour-mosaic CCDs; Colour interpolation; Radiometric corrections. 55/2 (Jun 00): 105–118

Fuzzy objects
Spatial modelling; Convex fuzzy spatial extent; Object dynamics. 55/3 (Sep 00): 164–175

Geometric accuracy
Photogrammetric scanner; Performance characterisation; Scanner calibration; Radiometric analysis; Colour quality. 55/5 (Mar 01): 313–329

Geometric calibration
MOMS-2P; In-flight calibration; Band-to-band registration; Bundle adjustment; Line-CCD sensor; Satellite. 55/1 (Feb 00): 59–71

GIS
Topology; Data structures; Globe; Voronoi diagrams. 55/3 (Sep 00): 150–163

Digital photogrammetry; Earthquake damage estimation; Building documentation; Deformation measurement. 55/5 (Mar 01): 359–372

GIS integration
Uncertainty; Data modelling; Transformation description. 55/3 (Sep 00): 176–188

Globe
GIS; Topology; Data structures; Voronoi diagrams. 55/3 (Sep 00): 150–163

Hyperspectral
Simulation; Optimisation; Sensor; APEX. 55/5 (Mar 01): 299–312

Image matching
3D reconstruction; Self-calibration; Virtual reality; Uncalibrated camera; Image sequences; Archaeology. 55/4 (Nov 00): 251–267

Image sequence analysis
Mobile mapping; Multi-image matching; Terrestrial triangulation; Feature extraction; Deformable models. 55/5 (Mar 01): 330–346

Image sequences
3D reconstruction; Self-calibration; Image matching; Virtual reality; Uncalibrated camera; Archaeology. 55/4 (Nov 00): 251–267

In-flight calibration
MOMS-2P; Geometric calibration; Band-to-band registration; Bundle adjustment; Line-CCD sensor; Satellite. 55/1 (Feb 00): 59–71

Interferogram geocoding
SAR interferometry; Point positioning; DEM generation; Least squares. 55/4 (Nov 00): 277–288

Interferometry
DEM; Satellite SAR; Clinometry; Shape-from-shading; Stereoscopy; Polarimetry. 55/1 (Feb 00): 13–33

Java™
Digital photogrammetry; Object-oriented technology; Knowledge representation; WEB technology; Education; Architecture. 55/1 (Feb 00): 48–58

Knowledge
Artificial intelligence; Computer vision; Models; Photogrammetry; Remote sensing; Representation; Feature extraction; Automation. 55/1 (Feb 00): 34–47

Knowledge representation
Digital photogrammetry; Object-oriented technology; Java™; WEB technology; Education; Architecture. 55/1 (Feb 00): 48–58

Laser scanning
3D digitising; Cultural heritage; Optical measurements; 3D modelling; Virtualised reality; Applications. 55/4 (Nov 00): 230–250

Least-squares
Exterior orientation; Linear methods; Orthonormality constraints; Feature fusion. 55/2 (Jun 00): 75–93

Least squares
SAR interferometry; Interferogram geocoding; Point positioning; DEM generation. 55/4 (Nov 00): 277–288

Real time; Bundle adjustment; Separate adjustment; Sensor orientation; 3D object point co-ordinate estimation. 55/5 (Mar 01): 289–298

Linear methods
Exterior orientation; Least-squares; Orthonormality constraints; Feature fusion. 55/2 (Jun 00): 75–93

Line-CCD sensor
MOMS-2P; Geometric calibration; In-flight calibration; Band-to-band registration; Bundle adjustment; Satellite. 55/1 (Feb 00): 59–71

Measurement automation
Vision metrology; Close-range photogrammetry; Software systems; Calibration; Orientation. 55/2 (Jun 00): 94–104

Mobile mapping
Image sequence analysis; Multi-image matching; Terrestrial triangulation; Feature extraction; Deformable models. 55/5 (Mar 01): 330–346

Models
Artificial intelligence; Computer vision; Knowledge; Photogrammetry; Remote sensing; Representation; Feature extraction; Automation. 55/1 (Feb 00): 34–47

MOMS-2P
Geometric calibration; In-flight calibration; Band-to-band registration; Bundle adjustment; Line-CCD sensor; Satellite. 55/1 (Feb 00): 59–71

MTF
Resolution; Signal-to-noise ratio; Revisit period; Bandwidth; Sensor parameter standardisation; Sensor characterisation. 55/1 (Feb 00): 9–12

Multi-epoch data processing
Vision metrology; Deformation measurement; Automated image measurement. 55/4 (Nov 00): 268–276

Multi-image matching
Mobile mapping; Image sequence analysis; Terrestrial triangulation; Feature extraction; Deformable models. 55/5 (Mar 01): 330–346

Multimedia resources
Space education; Educational material; Remote sensing. 55/2 (Jun 00): 129–135

Multispectral
Digital camera; Forest; Aerial imagery; Colour-mosaic CCDs; Colour interpolation; Radiometric corrections. 55/2 (Jun 00): 105–118

Multi-temporal classification
RADARSAT; ScanSAR; Procedure standardisation; Software package, SARCROPS; Rice crop monitoring. 55/2 (Jun 00): 119–128

Neural networks
2D road extraction; Self-organising maps; Clustering; Elongated regions; Classified image. 55/5 (Mar 01): 347–358

Object dynamics
Spatial modelling; Fuzzy objects; Convex fuzzy spatial extent. 55/3 (Sep 00): 164–175

Object-oriented technology
Digital photogrammetry; Java™; Knowledge representation; WEB technology; Education; Architecture. 55/1 (Feb 00): 48–58

Optical measurements
3D digitising; Cultural heritage; Laser scanning; 3D modelling; Virtualised reality; Applications. 55/4 (Nov 00): 230–250

Optimisation
Hyperspectral; Simulation; Sensor; APEX. 55/5 (Mar 01): 299–312

Orientation
Measurement automation; Vision metrology; Close-range photogrammetry; Software systems; Calibration. 55/2 (Jun 00): 94–104

Orthonormality constraints
Exterior orientation; Linear methods; Least-squares; Feature fusion. 55/2 (Jun 00): 75–93

Performance characterisation
Photogrammetric scanner; Scanner calibration; Geometric accuracy; Radiometric analysis; Colour quality. 55/5 (Mar 01): 313–329

Photogrammetric scanner
Performance characterisation; Scanner calibration; Geometric accuracy; Radiometric analysis; Colour quality. 55/5 (Mar 01): 313–329

Photogrammetry
Artificial intelligence; Computer vision; Knowledge; Models; Remote sensing; Representation; Feature extraction; Automation. 55/1 (Feb 00): 34–47

Point positioning
SAR interferometry; Interferogram geocoding; DEM generation; Least squares. 55/4 (Nov 00): 277–288

Polarimetry
DEM; Satellite SAR; Clinometry; Shape-from-shading; Stereoscopy; Interferometry. 55/1 (Feb 00): 13–33

Procedure standardisation
RADARSAT; ScanSAR; Software package, SARCROPS; Rice crop monitoring; Multi-temporal classification. 55/2 (Jun 00): 119–128

Quality assessment
Similarity; Topological relations; Distance. 55/3 (Sep 00): 189–200

RADARSAT
ScanSAR; Procedure standardisation; Software package, SARCROPS; Rice crop monitoring; Multi-temporal classification. 55/2 (Jun 00): 119–128

Radiometric analysis
Photogrammetric scanner; Performance characterisation; Scanner calibration; Geometric accuracy; Colour quality. 55/5 (Mar 01): 313–329

Radiometric corrections
Digital camera; Forest; Aerial imagery; Multispectral; Colour-mosaic CCDs; Colour interpolation. 55/2 (Jun 00): 105–118

Raster and vector structures
Spatial tessellation; Spatial data models. 55/3 (Sep 00): 139–149

Real time
Least squares; Bundle adjustment; Separate adjustment; Sensor orientation; 3D object point co-ordinate estimation. 55/5 (Mar 01): 289–298

Remote sensing
Artificial intelligence; Computer vision; Knowledge; Models; Photogrammetry; Representation; Feature extraction; Automation. 55/1 (Feb 00): 34–47

Space education; Educational material; Multimedia resources. 55/2 (Jun 00): 129–135

Representation
Artificial intelligence; Computer vision; Knowledge; Models; Photogrammetry; Remote sensing; Feature extraction; Automation. 55/1 (Feb 00): 34–47

Resolution
MTF; Signal-to-noise ratio; Revisit period; Bandwidth; Sensor parameter standardisation; Sensor characterisation. 55/1 (Feb 00): 9–12

Revisit period
Resolution; MTF; Signal-to-noise ratio; Bandwidth; Sensor parameter standardisation; Sensor characterisation. 55/1 (Feb 00): 9–12

Rice crop monitoring
RADARSAT; ScanSAR; Procedure standardisation; Software package, SARCROPS; Multi-temporal classification. 55/2 (Jun 00): 119–128

SAR interferometry
Interferogram geocoding; Point positioning; DEM generation; Least squares. 55/4 (Nov 00): 277–288

Satellite
MOMS-2P; Geometric calibration; In-flight calibration; Band-to-band registration; Bundle adjustment; Line-CCD sensor. 55/1 (Feb 00): 59–71

Satellite SAR
DEM; Clinometry; Shape-from-shading; Stereoscopy; Interferometry; Polarimetry. 55/1 (Feb 00): 13–33

Scanner calibration
Photogrammetric scanner; Performance characterisation; Geometric accuracy; Radiometric analysis; Colour quality. 55/5 (Mar 01): 313–329

ScanSAR
RADARSAT; Procedure standardisation; Software package, SARCROPS; Rice crop monitoring; Multi-temporal classification. 55/2 (Jun 00): 119–128

Self-calibration
3D reconstruction; Image matching; Virtual reality; Uncalibrated camera; Image sequences; Archaeology. 55/4 (Nov 00): 251–267

Self-organising maps
2D road extraction; Clustering; Neural networks; Elongated regions; Classified image. 55/5 (Mar 01): 347–358

Sensor
Hyperspectral; Simulation; Optimisation; APEX. 55/5 (Mar 01): 299–312

Sensor characterisation
Resolution; MTF; Signal-to-noise ratio; Revisit period; Bandwidth; Sensor parameter standardisation. 55/1 (Feb 00): 9–12

Sensor orientation
Least squares; Real time; Bundle adjustment; Separate adjustment; 3D object point co-ordinate estimation. 55/5 (Mar 01): 289–298

Sensor parameter standardisation
Resolution; MTF; Signal-to-noise ratio; Revisit period; Bandwidth; Sensor characterisation. 55/1 (Feb 00): 9–12

Separate adjustment
Least squares; Real time; Bundle adjustment; Sensor orientation; 3D object point co-ordinate estimation. 55/5 (Mar 01): 289–298

Shape-from-shading
DEM; Satellite SAR; Clinometry; Stereoscopy; Interferometry; Polarimetry. 55/1 (Feb 00): 13–33

Signal-to-noise ratio
Resolution; MTF; Revisit period; Bandwidth; Sensor parameter standardisation; Sensor characterisation. 55/1 (Feb 00): 9–12

Similarity
Topological relations; Quality assessment; Distance. 55/3 (Sep 00): 189–200

Simulation
Hyperspectral; Optimisation; Sensor; APEX. 55/5 (Mar 01): 299–312

Software package, SARCROPS
RADARSAT; ScanSAR; Procedure standardisation; Rice crop monitoring; Multi-temporal classification. 55/2 (Jun 00): 119–128

Software systems
Measurement automation; Vision metrology; Close-range photogrammetry; Calibration; Orientation. 55/2 (Jun 00): 94–104

Space education
Educational material; Multimedia resources; Remote sensing. 55/2 (Jun 00): 129–135

Spatial data models
Spatial tessellation; Raster and vector structures. 55/3 (Sep 00): 139–149

Spatial data quality
Comparison of spatial entities; Building extraction. 55/3 (Sep 00): 201–213

Spatial modelling
Fuzzy objects; Convex fuzzy spatial extent; Object dynamics. 55/3 (Sep 00): 164–175

Spatial tessellation
Raster and vector structures; Spatial data models. 55/3 (Sep 00): 139–149

Stereoscopy
DEM; Satellite SAR; Clinometry; Shape-from-shading; Interferometry; Polarimetry. 55/1 (Feb 00): 13–33

Terrestrial triangulation
Mobile mapping; Image sequence analysis; Multi-image matching; Feature extraction; Deformable models. 55/5 (Mar 01): 330–346

Topological relations
Similarity; Quality assessment; Distance. 55/3 (Sep 00): 189–200

Topology
GIS; Data structures; Globe; Voronoi diagrams. 55/3 (Sep 00): 150–163

Transformation description
Uncertainty; GIS integration; Data modelling. 55/3 (Sep 00): 176–188

Uncalibrated camera
3D reconstruction; Self-calibration; Image matching; Virtual reality; Image sequences; Archaeology. 55/4 (Nov 00): 251–267

Uncertainty
GIS integration; Data modelling; Transformation description. 55/3 (Sep 00): 176–188

Virtualised reality
3D digitising; Cultural heritage; Optical measurements; Laser scanning; 3D modelling; Applications. 55/4 (Nov 00): 230–250

Virtual reality
3D reconstruction; Self-calibration; Image matching; Uncalibrated camera; Image sequences; Archaeology. 55/4 (Nov 00): 251–267

Vision metrology
Measurement automation; Close-range photogrammetry; Software systems; Calibration; Orientation. 55/2 (Jun 00): 94–104

Deformation measurement; Multi-epoch data processing; Automated image measurement. 55/4 (Nov 00): 268–276

Voronoi diagrams
GIS; Topology; Data structures; Globe. 55/3 (Sep 00): 150–163

WEB technology
Digital photogrammetry; Object-oriented technology; Java™; Knowledge representation; Education; Architecture. 55/1 (Feb 00): 48–58